

ABSTRACT OF THE DISCLOSURE

A method is described for automatic generation of join graphs for relational database queries. The method includes marking instances of tables in a hierarchical representation of a database schema according to a selection procedure that processes tables in an input list having single occurrences in the hierarchical representation, multi-dimensional tables in the input list having multiple occurrences in the hierarchical representation, one-dimensional tables in the input list having multiple occurrences in the hierarchical representation that reference the multi-dimensional tables and have one of the multi-dimensional tables as a parent in the hierarchical representation, and any remaining one-dimensional tables in the input list having multiple occurrences in the hierarchical representation. The hierarchical representation is configured using expert knowledge of the database usage.

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FOI b7D b7C b7E b7F b7G b7H b7I b7J b7K b7L b7M b7N b7O b7P b7Q b7R b7S b7T b7U b7V b7W b7X b7Y b7Z b8A b8B b8C b8D b8E b8F b8G b8H b8I b8J b8K b8L b8M b8N b8O b8P b8Q b8R b8S b8T b8U b8V b8W b8X b8Y b8Z b9A b9B b9C b9D b9E b9F b9G b9H b9I b9J b9K b9L b9M b9N b9O b9P b9Q b9R b9S b9T b9U b9V b9W b9X b9Y b9Z